



MARS Reporting & Querying

What's New in SAP Business Objects BusinessIntelligence 4.1



Overview

- This document highlights noticeable new features of version 4.1 of SAP Business Objects BusinessIntelligence, and the value added for end users.
- MARS released this version in January 2014.
- o Intended Audience:
 - This document is for MARS Reporting and Querying Users that have experience or not, using the prior version of SAP Business Objects Business Intelligence.
 - Page 4-11 are for Business & Power users.
 - Page 12 and above are for Power Users only.

Table of Contents

New Features for Business & Power users

	Overview	4
•	BI Launch Pad	[
	Web Intelligence	12

New Features for Power users only

Overview1	
Web Intelligence	18
Hierarchies	16
 Improved copy functionality 	21
Formula editor	23
Charting features	25
Merged objects	34
User's response	35
Input control	36

January 2010

New Features for the MARS R&Q Business & Power users - Overview

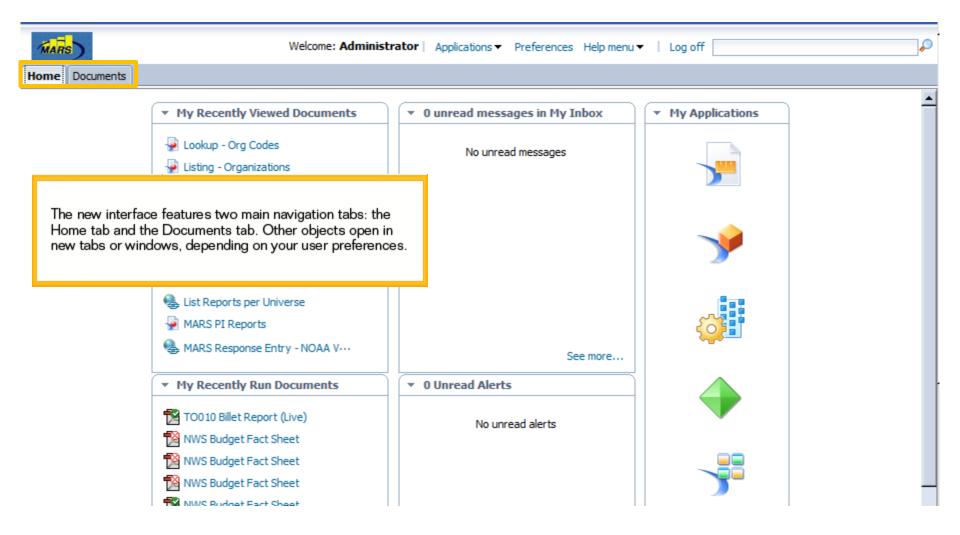
Application/Feature	Comment / Value added
 Launch Pad (New InfoView!) Customizable home tab Tabbed interface 	Customizable HOME tab may contain recently opened documents, new inbox objects, available applications It is possible to pin frequently used documents into tabs It saves a lot of time for users and it is fairly faster navigation than in InfoView (XI 3.1)
 Launch Pad HTML mode to view Webl documents 	The HTML mode doesn't require downloading Java. Therefore, all the Java security popups and warnings will not be displayed any more.
 Web Intelligence Notification before expiring session and ability to refresh it by simple click 	This is one of the small things which make huge effect for all end users. "Your session has been expired" without notification was one of the most evil things in XI 3.1 especially on PROD environment where you could not have long time before timing out
Web Intelligence • Additional export options	Full support of excel exporting. It means the rows limit is increased from 65k to about 1M rows. Furthermore, <i>images</i> are exported to XLSX as well.
Web Intelligence • Folding/unfolding	Excel "drilling" alias folding/unfolding for tables is available even in HTML mode. This is particularly useful in HTML mode.
Web IntelligenceAbility to freeze rows and columns in a table	Freezing headers or columns is something what excel fanatics (and not only them) voted for years. Finally it is here. And it works great.
Web Intelligence • Better dependent (nested) prompts	Nested prompts behavior is improved- if you selected prompt without filling the previous one (on which is specific prompt dependent), there is link to it.
BI Platform • Significant performance improvement	Reduction of server CPU load and better handling of large documents

January 2014

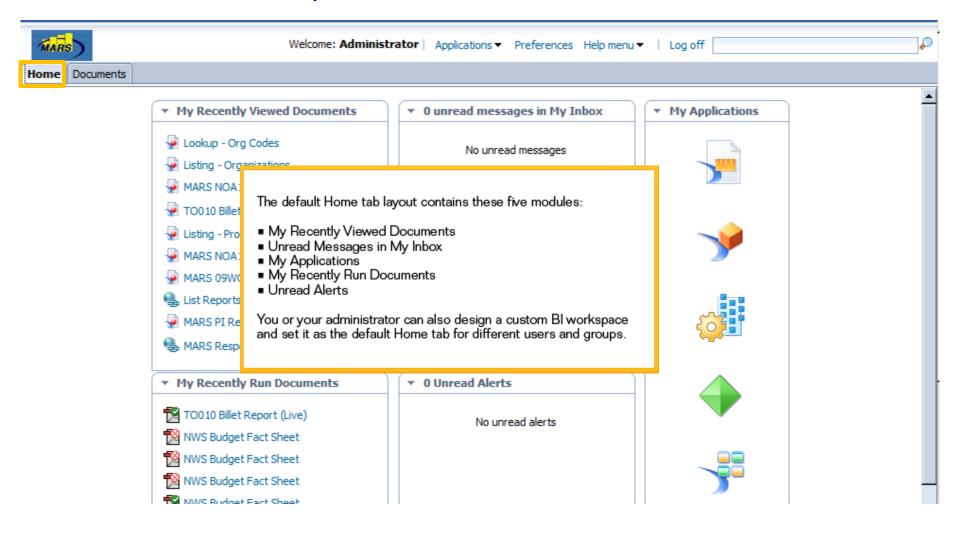
BI Launch Pad

For the MARS R&Q Business & Power Users

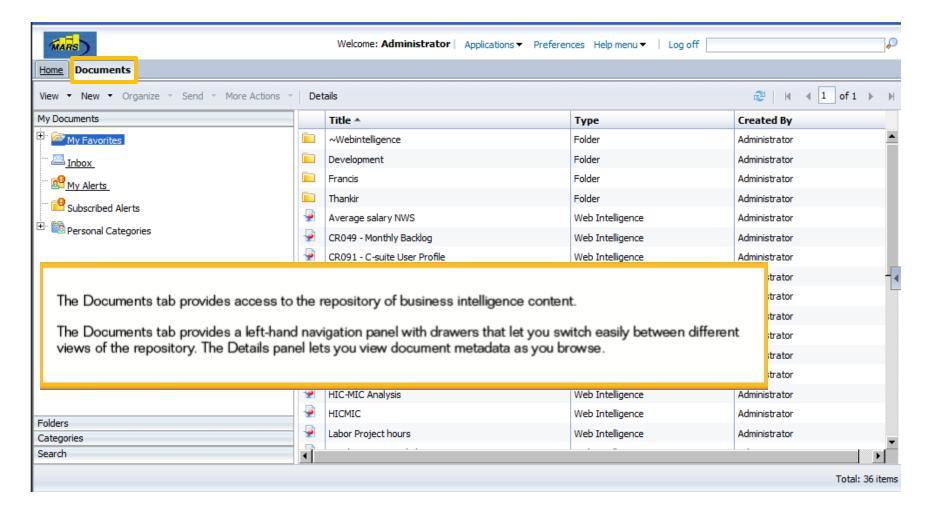
New Interface: "InfoView" is now "BI Launch Pad"



Default Home Tab Layout

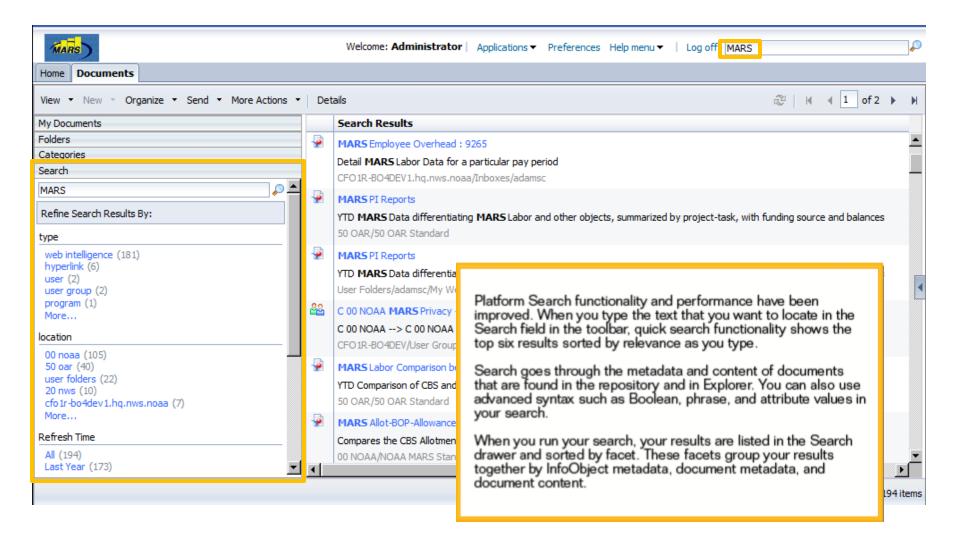


Document Tab



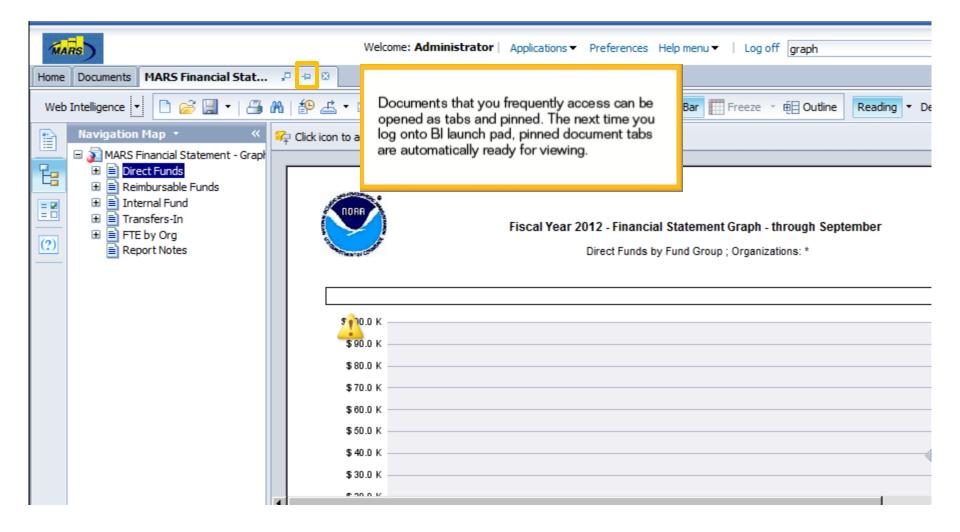
January 2010

Platform Search functionality

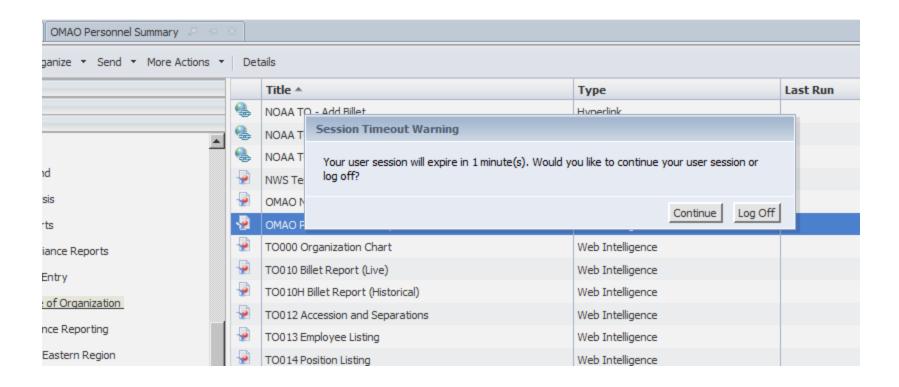


January 2010

Pinning frequently used documents



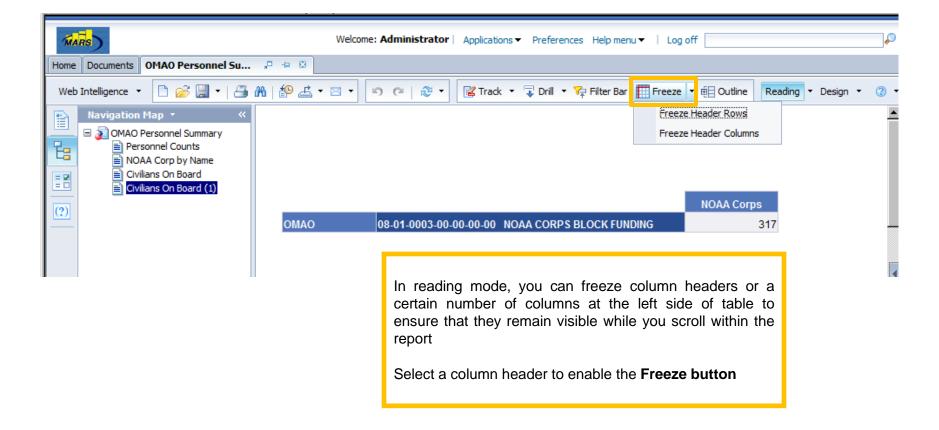
Notification before expiring session



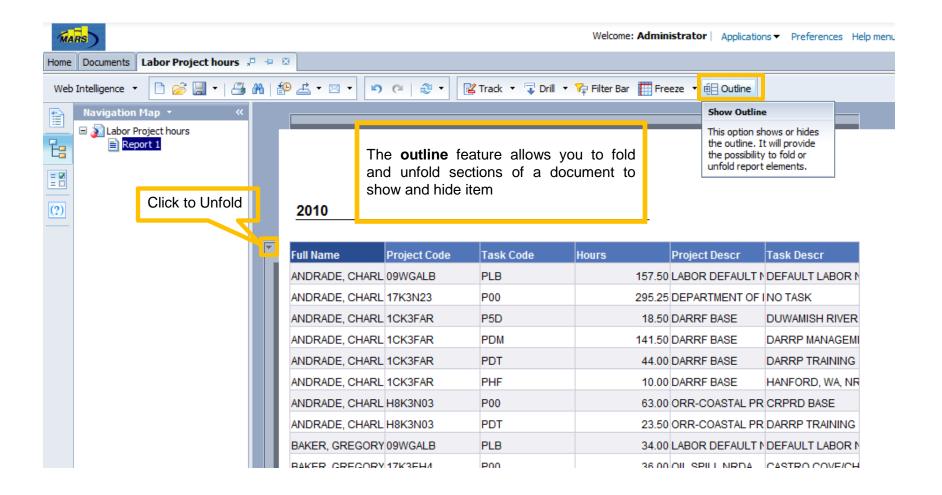
Web Intelligence

For the MARS R&Q Business & Power Users

Freeze header rows or columns



Folding / Unfolding



Cascading LOV with a flattened display



- **Employee Id** value is populated based on the values of the first 2 prompt criteria.
- The flattened hierarchy display (rather than using the hierarchical display) allows for manual input of values and allows for value searching at each level of the hierarchy.

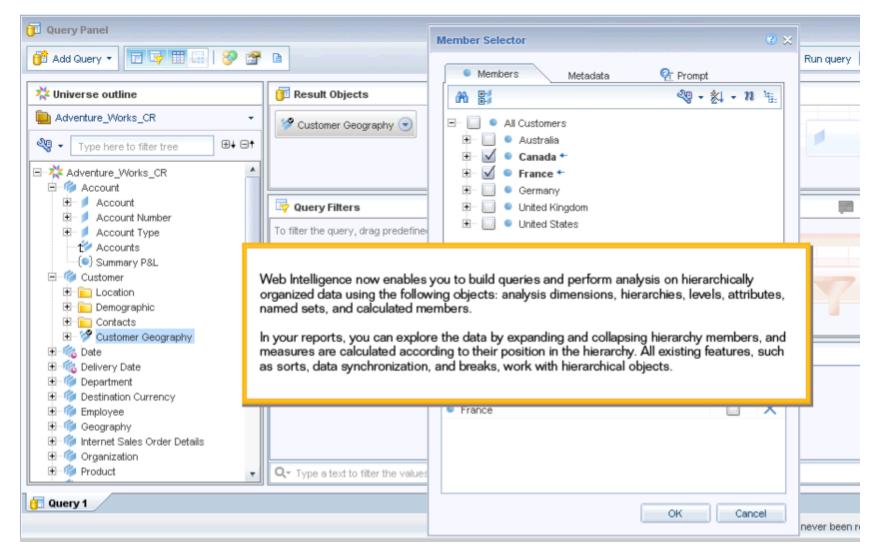
Web Intelligence

For the MARS Power User

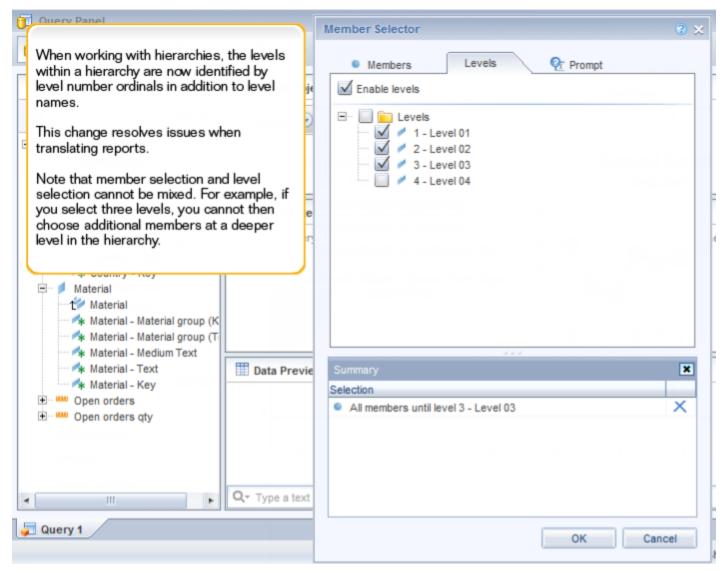
New Features for the MARS R&Q Power users - Overview

Application/Feature	Comment / Value added	
Web Intelligence	New ribbon interface similar to Office 2007, but navigation in edit mode is considered to be	
New user interface	a little clearer in XI 3.1.	
Web Intelligence	It is possible to preview data even for one query	
Data preview		
 Web Intelligence – Charts features New graph types Design improved Enhanced options 	There are new graph types such as s Scatter Bubble, Polar Bubble, Dual Axes Charts, Heat Maps, Box Plots, Series Pie Charts and Tag Cloud, Waterfall chart type. Graph design has been completely recreated as well. Now you can create professional looking graphs. You may assign shadows and lightning effects, gradient - it is similar change as it was between excel 2003 graphs and excel 2007 graphs. For possibilities of customizing chart look it is good to know that you can finally assign different axis values (for specific chart types), choose from predefined color palettes preferred style or set color transparency. you can +create more custom color graph palettes +directly in Webl. You may also define line width. As a result, Webl charts are fairly better and more importantly, report charts customization/recreation is faster.	
 Web Intelligence – Improved copying Cell format copy Object copy between documents 	Cell format copy facilitates setting the right format for selected objects in the first case. In the second case it is great enhancement when working with multiple documents or reports. It has many limitations though - users are unable to copy sections.	
Web Intelligence • Hiding abilities	 It is possible to hide column very simply. Works only on dimensions. It is possible to use <i>hide when condition</i> not only on section (XI3.1) but <i>on a table</i> as well. And because tables are copy-able elements to other documents, users may benefit from it even more. 	
Web Intelligence • Object value selector	This feature will benefit those who write many formulas	
Web Intelligence • Group by Variables	Great feature for users who need to create their own lookup quickly without redesigning universe or data layer.	
Web Intelligence • Default hierarchy level	Usable for those who use drill functionality a lot. The hierarchy in a table was automatically collapsed to the root hierarchy member when you refreshed (or purged data) from a document. Not anymore, now you have an option - the right-click contextual menu for a report table and there you can select desired default drill level.	

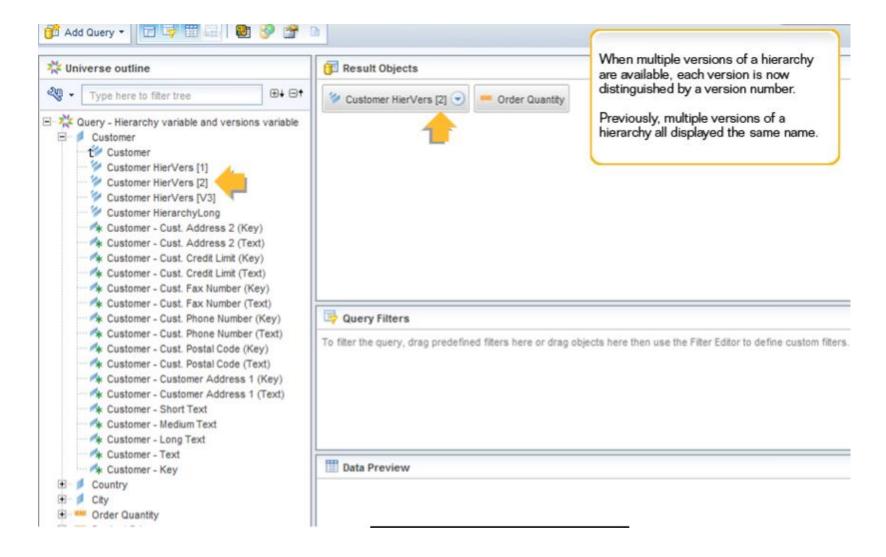
Perform analysis on hierarchically organized data



Level number identifies levels within a hierarchy



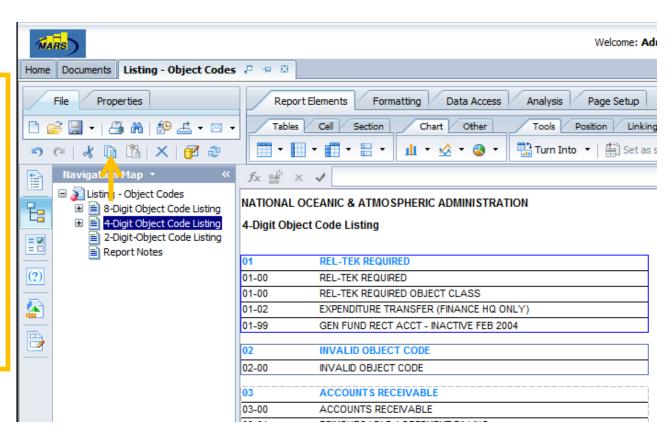
Version number for multiple versions of a hierarchy



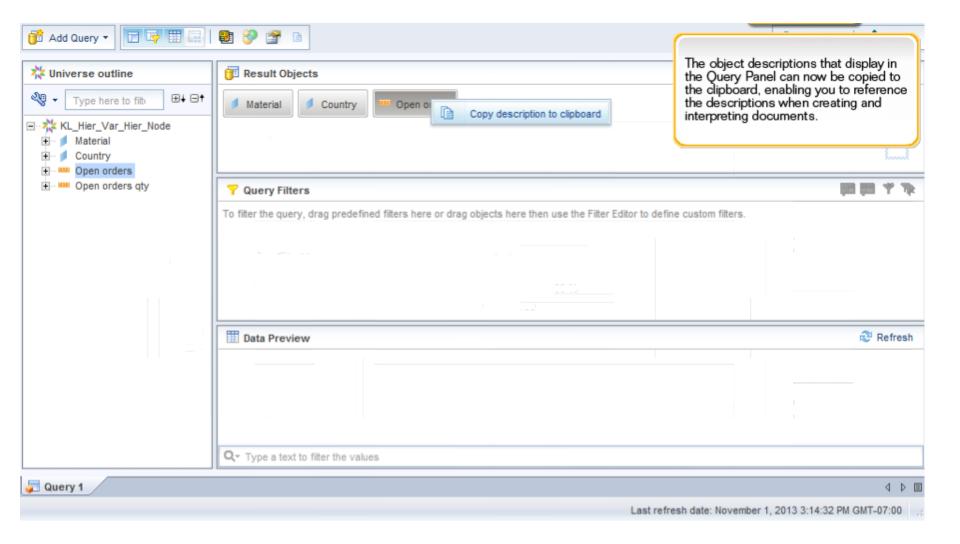
Improved Copying

You can now copy queries, variables, tables and charts from one Web Intelligence document to another.

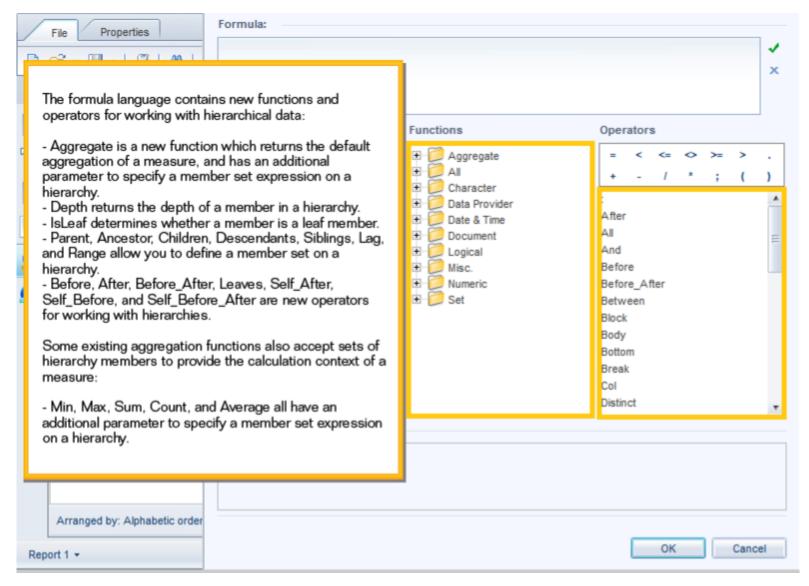
When you copy an object, all its dependent objects are also copied. For example, all the queries, hierarchies, dimensions, measures, and variables that supply data to a table are copied when the table is copied. Tables and charts can be copied with or without formatting or data.



Object descriptions can be copied to the clipboard

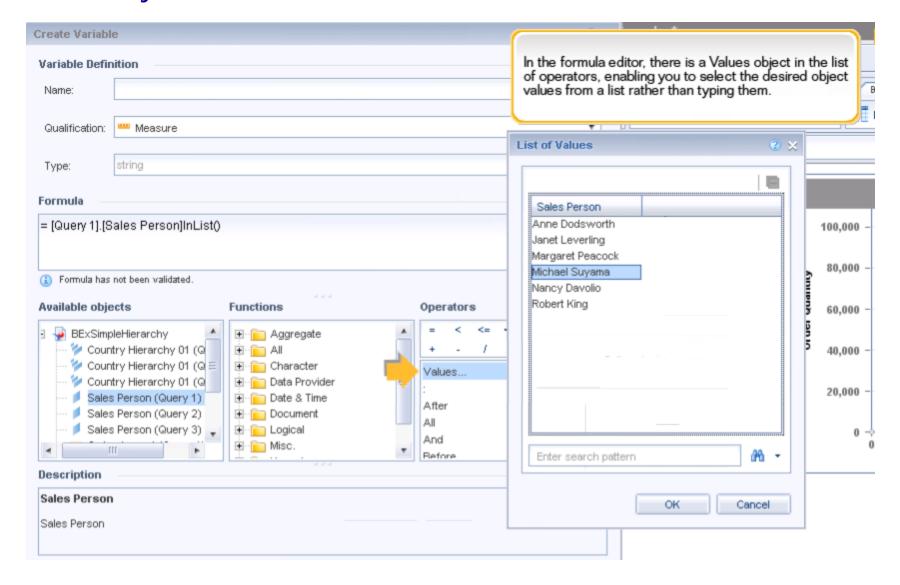


New functions in the formula editor



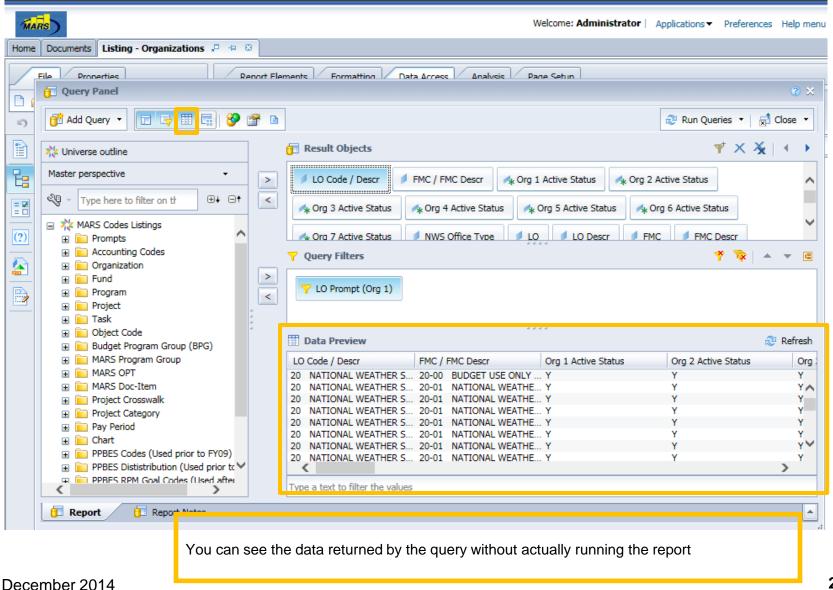
December 2014 23

Value object in the formula editor



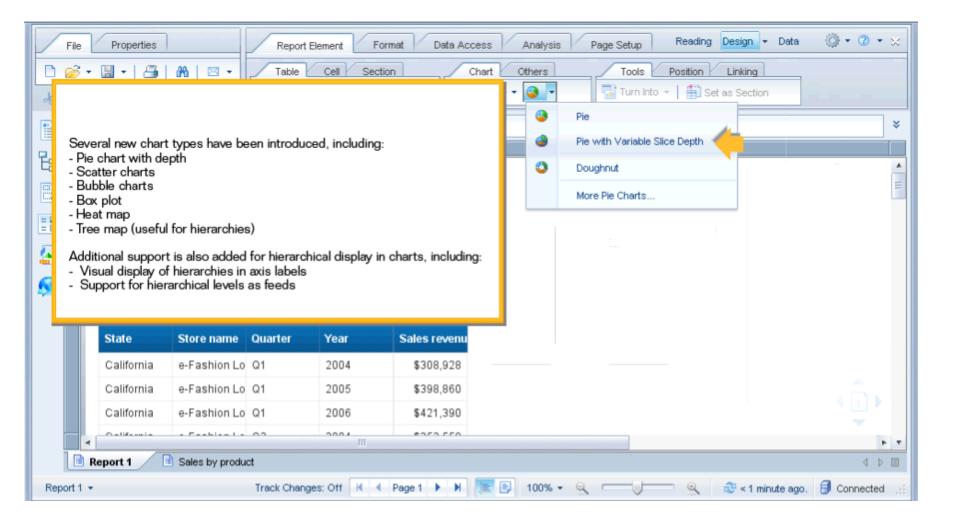
December 2014 24

Data Preview

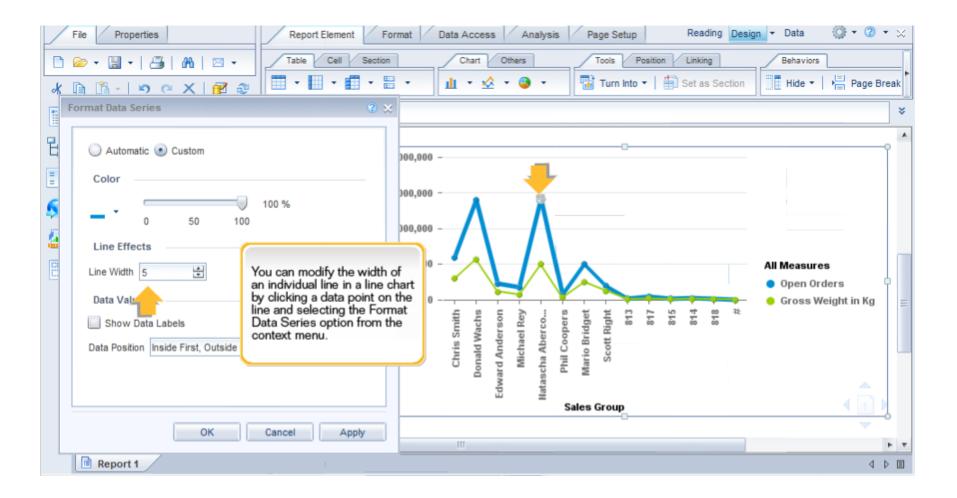


25

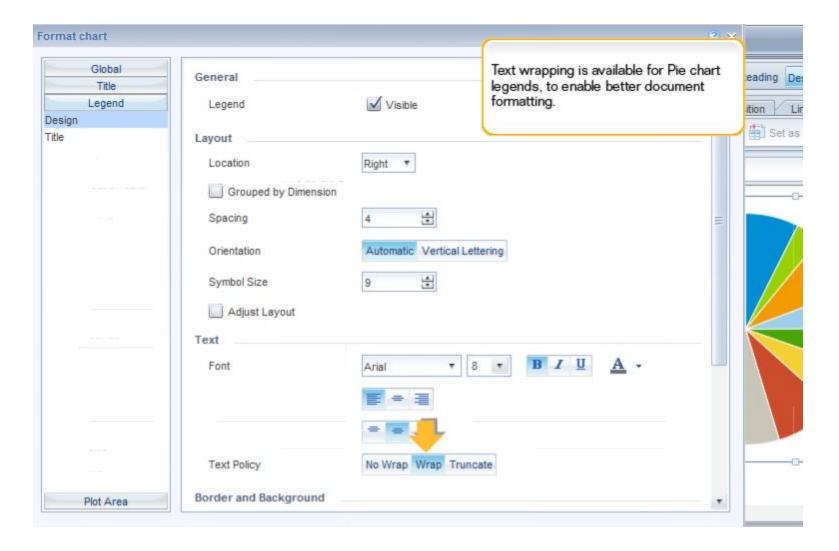
Many new charting features



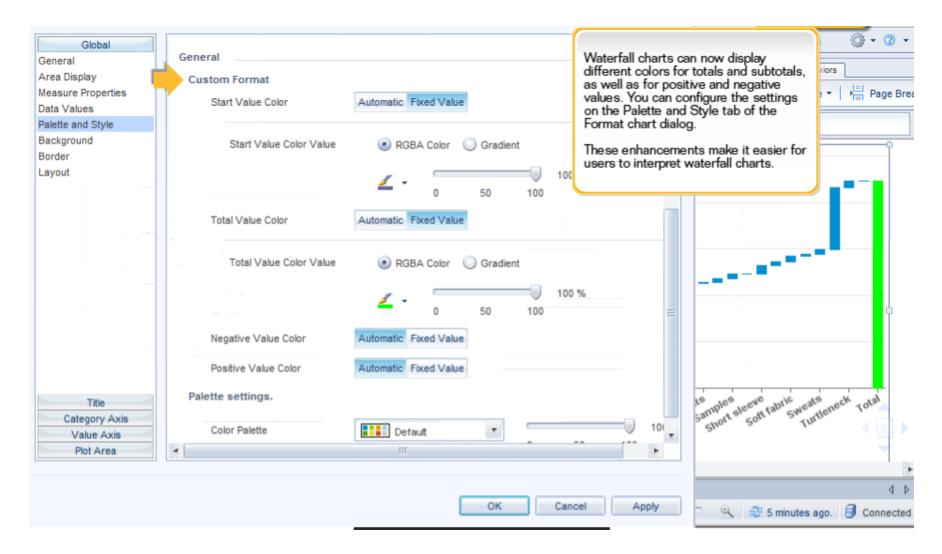
Line Chart: width of an individual line can be modified



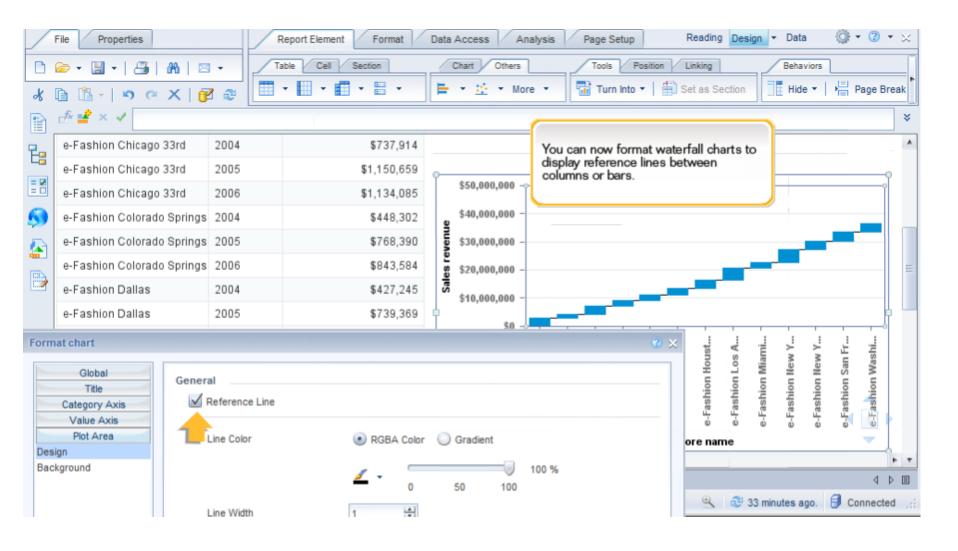
Pie Chart: Text wrapping available in the legend



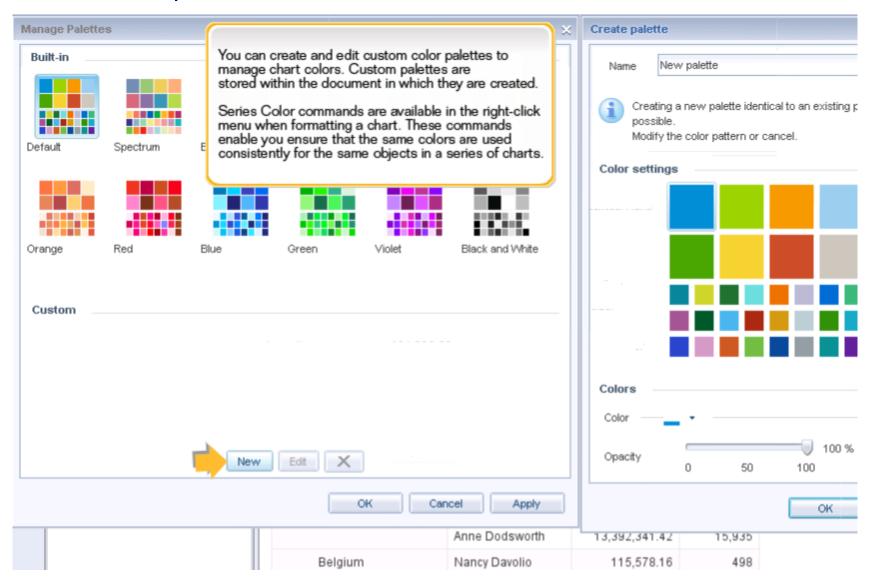
Waterfall Chart: different colors for totals and subtotals



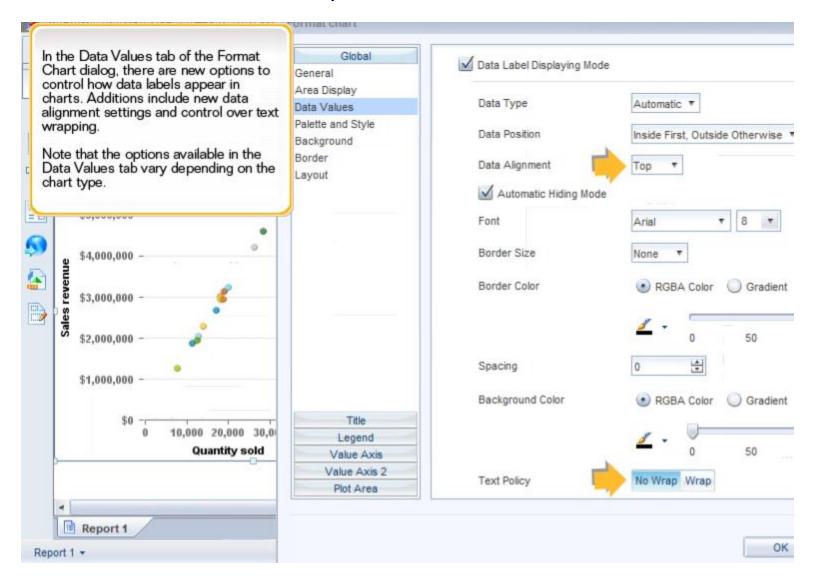
Waterfall Chart: Displaying reference lines



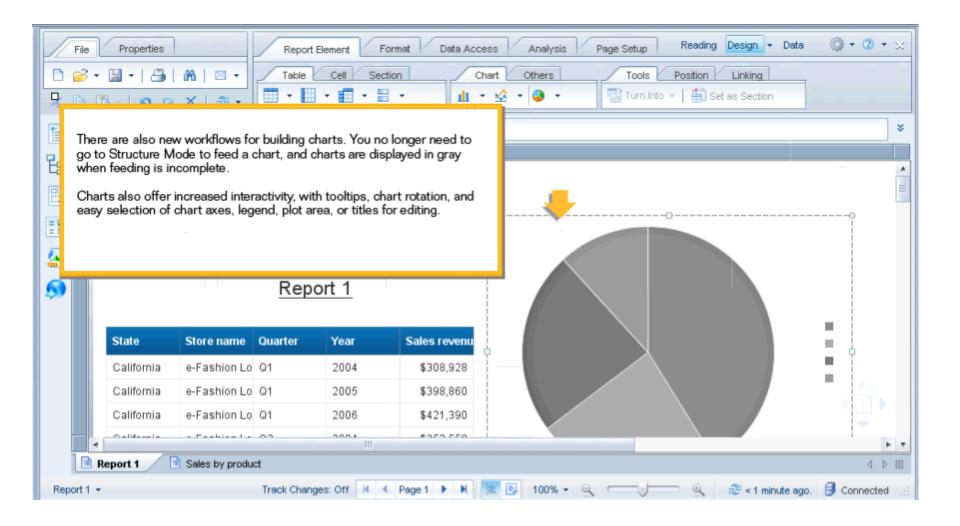
Custom color palettes



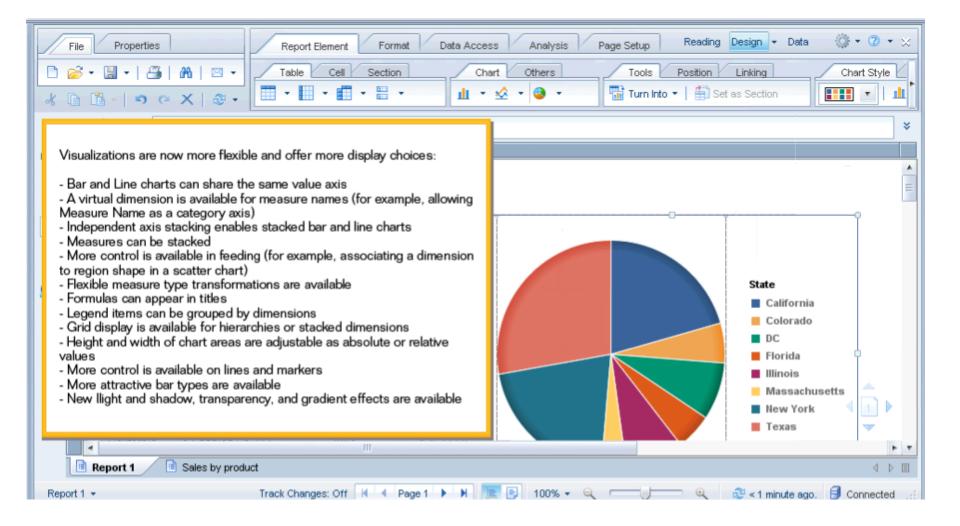
New data labels control options



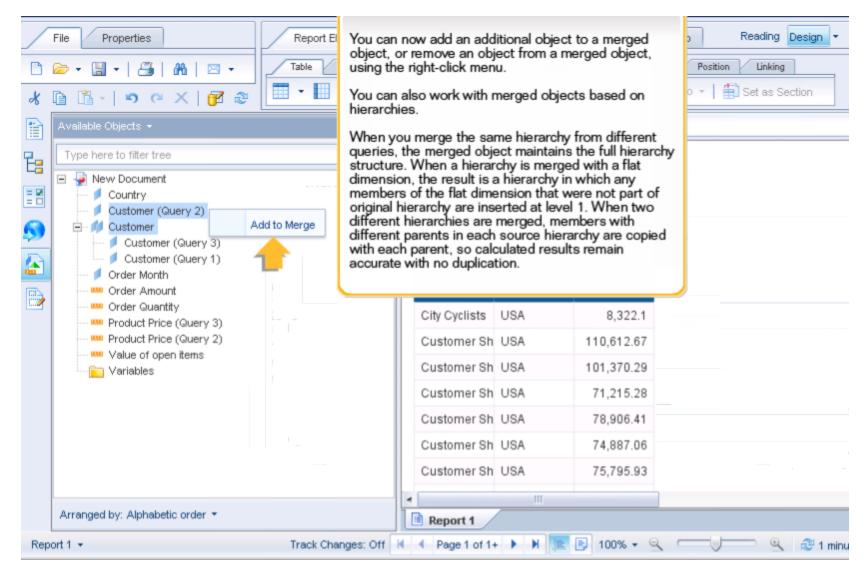
New workflows for building charts



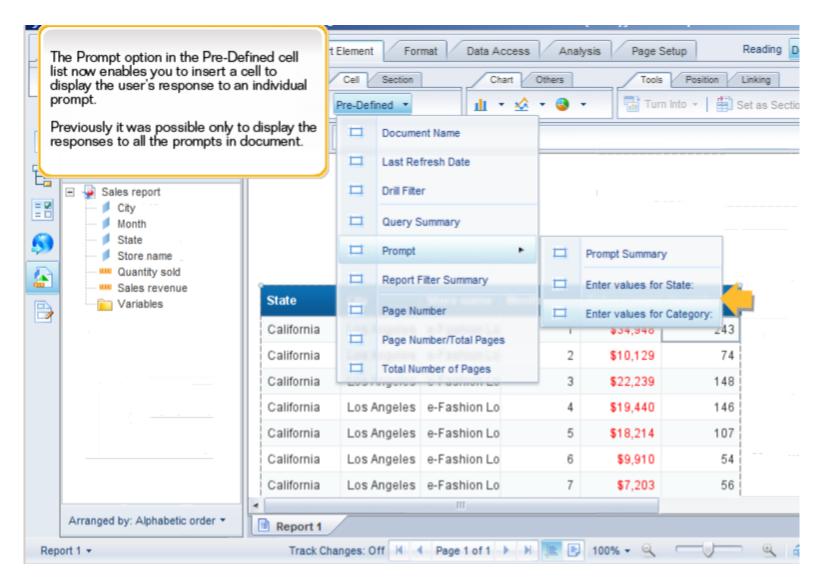
Visualizations now more flexible



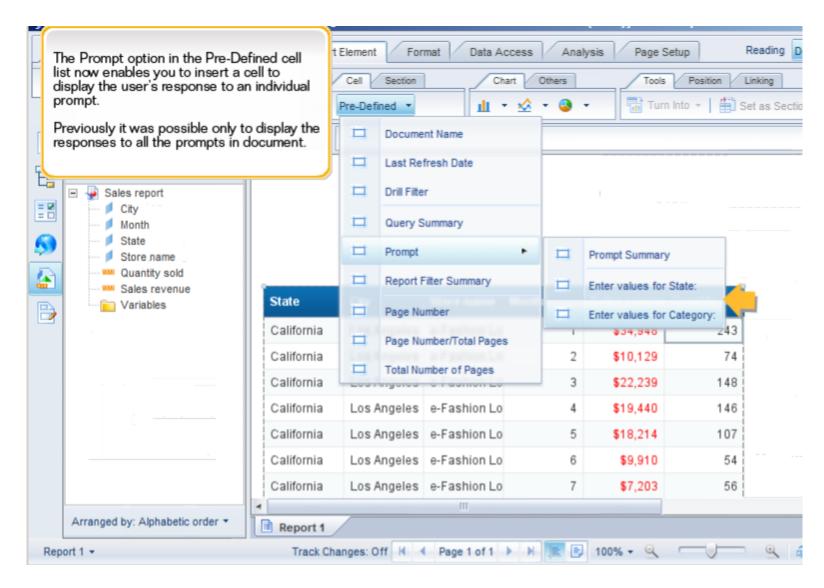
Merged objects more flexible



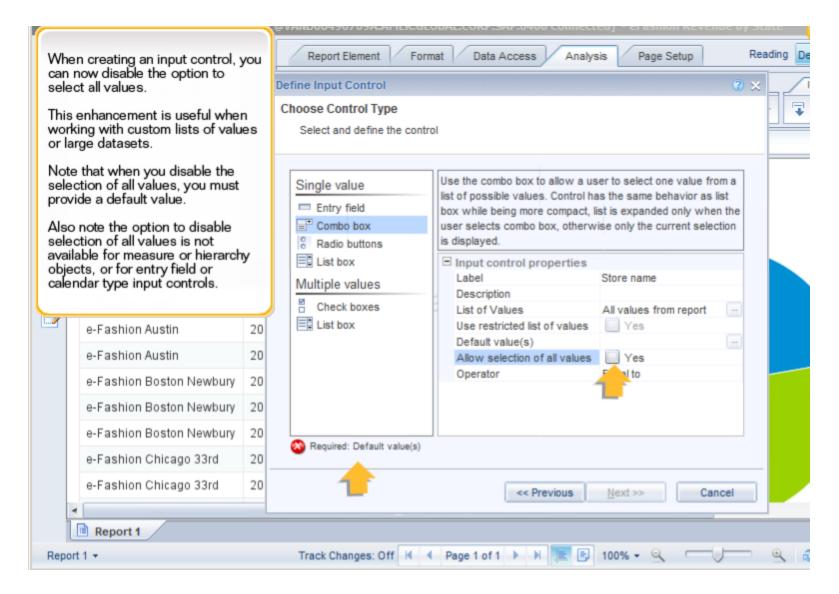
User's response for an individual prompt



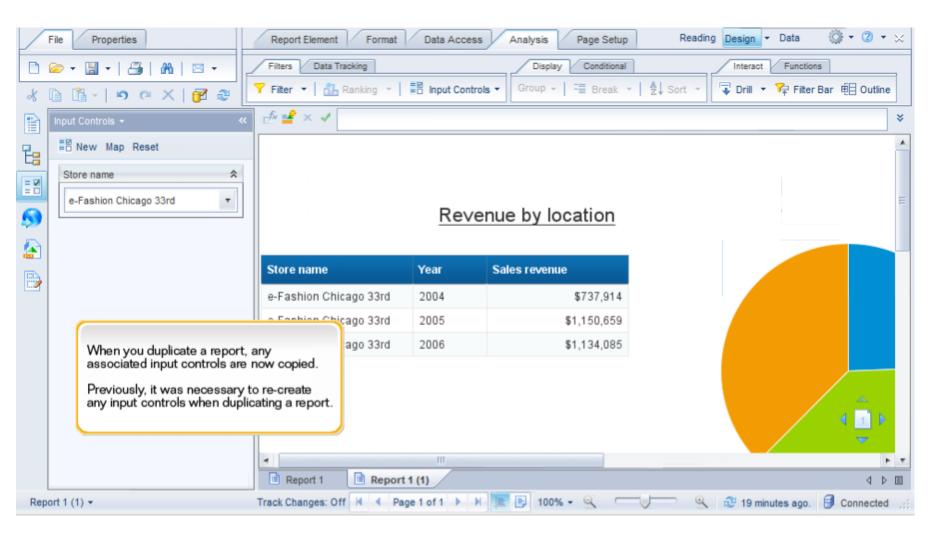
User's response for an individual prompt



Input control: option to select all values can be disabled



Input controls copied over when a report is duplicated



Training Material available (See on the MARS Portal!)

- Webinar—Recorded step-by-step demonstration video, tailored to MARS users.
- The "Business User" Guide This guide conveys basic concepts and step-by step directions for:
 - system log-on
 - system navigation
 - viewing and refreshing reports
 - saving reports
 - sending reports to other users
- The "Power User" Guide This guide conveys more advanced concepts and step-by step directions for:
 - Creating Webi Documents
 - Filtering Document Queries
 - Report Formatting
 - Advanced Report formatting
 - Analytic Features
 - Cross-tab Reports
- Web-Based Reporting Module Training via Knowledge Accelerator Knowledge Accelerator is a web-based training tool that simulates use of the reporting and querying module. Knowledge Accelerator provides the user with an understanding of how the screens flow and provides the opportunity to practice processes/operations in the tool (e.g., opening a report, refreshing a report, etc.).

December 2014 40

MARS Support Information

- Hours: Mon-Fri 7:30 am 5:30 pm EST
- Contact Information
 - Email
 - mars.support@noaa.gov
 - □ Phone
 - **(301) 427-8888**
 - Fax
 - **(301) 713-1742**